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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 10
1200 Sixth Avenue
Seattle, Washington 98101

JUN 25 2001

Reply To
Attn Of: ECL-113

Beverly Cook, Manager
U.S. Department of Energy
Idaho Operations Office
850 Energy Drive
Idaho Falls, Idaho 83401

Subject: Dispute Resolution, Operable Unit 7-10 Schedule Assumptions

Dear Ms. Cook:

Pursuant to your letter dated June 18, 2001, in which you request a copy of our assumptions supporting the deadline dates we identified in the May 23, 2001, joint letter from Idaho Department of Environmental Quality (IDEQ) and EPA-10, we have attached a list from our MS Project schedule. Please note that the State and EPA developed the deadline dates independently. As such, we are only providing our derivation of the dates.

We are hopeful on settling the OU 7-10 deadline extension dispute through the efforts of our respective staffs over the next couple of weeks. As I understand it, Kathleen Hain and Orville Green will be representing the DOE-ID and IDEQ, respectively. As previously mentioned, Wayne Pierre, will be our representative.

Sincerely,

A handwritten signature in black ink, appearing to read "Chuck Findley".

Chuck Findley, Acting Regional Administrator
Region 10, Environmental Protection Agency

Enclosure:

cc: Warren Bergholz, DOE-ID
Orville Green, IDEQ

ID	Activity	Task Name	Duration	Start	Predecessors	Notes
1		Stage II Design Submittal Review Completion	23 days	Mon 10/1/01		It is assumed that completion of remaining issues concerning Pit 9 design will be completed by end of fiscal year 2001.
2		ESH&Q	23 days	Mon 10/1/01		Derived from June 12, 2000 schedule activities and Sequential Document Hierarchy 6/15/00...
3		Design Elements Finalization	23 days	Mon 10/1/01		Derived from June 12, 2000 schedule activities and Sequential Document Hierarchy 6/15/00...
4		Procurement	231 days	Fri 11/9/01		construction work & completion of RD/RAWP will be contracted out using the approved 90% RD/RAWP as basis for firm fixed price contract....
5		Develop RFP	0 days	Fri 11/9/01	1SS+30 days	Assumes that RFP development would parallel Stage II Design completion beginning prior to 10/01/01....
6		Issue RFP	0 days	Fri 11/9/01	5	Milestone
7		Request for Proposals	67 days	Mon 11/12/01	1SS,6	Period of time that RFP solicitation would be posted & run in working days.
8		Proposals Evaluation	66 days	Wed 2/13/02	7	Assumes a 15-day review committee & time to receive & review BAFO's
9		Construction/Operations Contractor Selection	8 days	Thu 5/16/02	8,3,2	Assumes administrative time to let contract after selection.
10		Value Engineering	43 days	Tue 5/28/02	9	Formal Value Engineering RD/RAWP review by contractor, BBWI & Agency staff. 30days preparation, 15 days VE session & 15 days report prep & submittal.
11		Constructability Review	23 days	Fri 6/28/02	9FS+23 days	Assumes this would parallel the VE preparation.
12		Mobilization	44 days	Wed 7/31/02	11	Assumes delays due to security access issues.
13		RD/RAWP Finalization	0 days	Thu 9/5/02	10FS+30 days	RD/RAWP Finalization would follow from the VE & constructability reviews.
14		Construction	329 days	Fri 9/6/02		Derived from June 12, 2000 schedule activities and Sequential Document Hierarchy 6/15/00
15		Piling	45 days	Fri 9/6/02	13	Assumes 30 working days for piling installation w/ 15 day contingency. Subcontracting would occur parallel with RD/RAWP finalization.
16		Structures	129 days	Fri 11/8/02	15	Subcontracting would occur during piling activity. Pilot scale unit can be fabricated on job site within 180 working days.
17		Utilities	69 days	Tue 10/15/02	12FS+10 days	Assumes procurement would have occurred during mobilization
18		Storage Building	69 days	Tue 10/15/02	12FS+10 days	Assumes procurement would have occurred during mobilization
19		Misc	90 days	Thu 5/8/03	16	Allows time to checkout mechanicals in retrieval structures (e.g., ROC, RES, vacuum, etc.)
20		Facility Completion	65 days	Thu 9/11/03	19	Complete Facility Integrated testing
21		Operations	739 days	Wed 12/10/03		Derived from June 12, 2000 schedule activities and Sequential Document Hierarchy 6/15/00
22		Post Construction	317 days	Wed 12/10/03		
23		Construction Complete	0 days	Wed 12/10/03	20	Milestone
24	1011	Prepare ORR Implementation Plan	46 days	Wed 6/9/04	31	Assumes Agencies will have informal input...
25		ORR	100 days	Mon 9/13/04	24,32	Assumes a complicated ORR
26	439	ORR Final Report	20 days	Mon 1/31/05	25	multiplied activity 1004 in Stage II draft 90% RD/RAWP by factor of 10X....
27		Start Up	210 days	Thu 12/11/03		
28	179	Training	89 days	Fri 5/28/04	30,23	runs from last phase of component testing through midway through shakedown...
29	188	Develop Acceptance Test Procedures	53 days	Thu 12/11/03	20	Activity # is from draft Stage II RD/RAWP 90% schedule
30	189	Component Testing & Approval of SO Test Report	68 days	Tue 2/24/04	29	Activity # is from draft Stage II RD/RAWP 90% schedule
31	296	Prefinal Inspection	8 days	Fri 5/28/04	30	Assumes Agency punch list inspection which occurs after equipment testing...
32		Shakedown	68 days	Wed 6/9/04	31	practice using equipment and finalizing operational procedures.
33		Final Inspection	5 days	Mon 2/28/05	32,26	Assumes that there may be a follow-up LMA or Agency punch-list for corrected items (i.e., final inspection) prior to start
34	441	Notice to Proceed	5 days	Mon 2/28/05		Administrative time for necessary signatures...
35		Retrieval	258 days	Mon 3/7/05		
36	295	Overburden Removal	8 days	Mon 3/7/05	34	
37	443	Start Waste Removal	0 days	Wed 3/16/05	36	...
38	444	Waste Removal	250 days	Thu 3/17/05	37	milestone ...
39		Post Retrieval Waste Handling	96 days	Thu 3/2/06		Activity # is from draft Stage II RD/RAWP 90% schedule
40	247	Coordinate Waste Mgt with AMWTF	8 days	Thu 3/2/06	38	
41	279	Transfer Containers to Type II Storage	88 days	Tue 3/14/06	40	
42		Stage II RA Report	159 days	Thu 3/2/06		
43		Review Data & Prepare Report	66 days	Thu 3/2/06	38	Data generated as waste & soil are retrieved. Objective of report is to describe what was done; % of packaged containers that are TRU or a-LLW.
44		Submit RA Report	0 days	Thu 6/1/06	43	
45		Agencies' Review	93 days	Fri 6/2/06	44	Milestone
46		RA Report Final	0 days	Tue 10/10/06	45	FFAICO cycle time
47		Stage III Design	356 days	Wed 10/11/06		milestone
48		10% RD Development	70 days	Wed 10/11/06	45	Assumes Stage III design done in house similar to Stage II process
49		10% RD Submitted	0 days	Tue 1/16/07	48	System & Design Requirements specified
50		Agencies' Review	90 days	Wed 1/17/07	49	Milestone
51		30% RD Development	75 days	Wed 5/2/07	50FS-15 days	Assumes that 10% RD treated as a primary document review
52		Agencies' Review	46 days	Wed 8/15/07	51	
53		90% RD/RAWP Development	90 days	Thu 10/18/07	52	Secondary document review per the FFAICO
54		90% RD/RAWP Submitted	0 days	Wed 2/20/08	53	Milestone